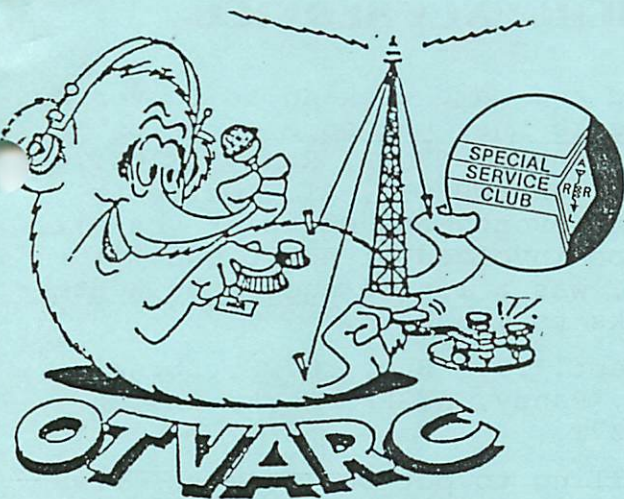




OREGON

TUALATIN



November 1985

VALLEY

AMATEUR RADIO CLUB

Po Box 5132 Beaverton, Oregon 97006

EDITOR: AL BERG WB7SIC

Membership: 250

CIRCULATION: 290

President: Geno Buell	KA7KBH	Trustee: Linda Cereghino	N7CZY
Vice-Pres: Hanford Van Ness	KE7BB	Trustee: Terry Biggs	WB7CHK
Secretary: Jeff Freedman	K7JF	Trustee: Al Berg	WB7SIC
Treasurer: Randy Stimson	KZ7T	Trustee: Greg Milnes	W7AGQ
		Trustee: Dave Parker	W7LJN

MEETING: 2nd WEDNESDAY BEAVERTON ELKS AT 7:00 p.m. (Dinner at 6:30 p.m.)

MEETING PROGRAM: COMPLETE PROGRAM DETAILS CAN BE FOUND ON THE BACK PAGE.



Mark, N7CRQ, hard at it on CW at Beaverton Good Neighbor Days booth. The attention given the AEA CW reader sums up the value of our participation!!



PUBLIC/EMERGENCY SERVICE

Art Quake happened the same weekend as Beaverton Good Neighbor Days so that put some of us on a double duty-N7EPE, Susan, N7GFK, Randy, N7CZY, Linda, N7DWL, Dave, and WB7SIC, Al. Quite an effort to work both events and we thank you all.

Wes, K7WWG, was too involved with Art Quake to participate at Beaverton Days and Roy, N7DUJ, was a little under the weather but he managed to assist at Art Quake. Thanks to you both.

We also helped at the Portland Marathon on Sept. 29. Bud, KC7PS, Lorna, KA7RFD, Bruce, NI7M, Roger, AJ7J, Roy, N7DUJ, Randy, N7GFK, Rick, KA5OLH, Susan, N7EPE, Mike, KE7HS and yours truly, KZ7T.

It is nice to belong to a club that is so willing to put out so much of an effort on public service and, by the way, Lorna, KA7RFD, outdid us all by assisting PARC by working the Juvenile Diabetes Foundation Walk-a-thon on October 6. CU next month. Randy, KZ7T

BEAVERTON GOOD NEIGHBOR DAYS (fun) →

The most newsworthy event in Sept. was our booth at Beaverton Good Neighbor Days. There are too many hams to list them all plus I might just miss some. We had 26 members scheduled to work the booth on four hour shifts. A lot of members just dropped in and helped out. We had 12 operators on Friday night, 28 on Saturday and 27 on Sunday.

I would like to mention a few who went the extra mile. KA7TAC, JIM, built the booth and he did a superb job. You could tell he is a cabinet maker.

KA7NPN, DEE, and his crew-KA7TAC, Jim, WB7CHK, Terry, NB7W, John, K7JF, Jeff, and Michael (Dee's son) did an absolutely super job on the equipment. We had a rotatable beam and a special folded dipole along with external speakers so the public could hear both sides of the QSO's.

Jeff, K7JF, furnished the HF gear and he also worked 3 shifts! The one thing I noticed about Jeff was the excellent way he could impress the public with what he was doing and what was happening on the air.

Then there is Bud, KC7PS, who is always willing to help and for any length of time. He helped put up and take down the booth and supplied anything we needed, such as chairs, tables, lights and 2m gear. Tnks Bud!

A little about what we did: The earthquake in Mexico had just occurred and we picked up traffic coming out of there. People would come to our booth to see how things were going and we were listening to a XE when the second big quake hit so we called KOIN on the autopatch to notify them.

The Beaverton Police brought lost children to our booth because they knew we could help. Also, the PA announcers kept broadcasting that the hams from OTVARC were there to help with lost kids. We were thanked a lot and had a lot of good exposure. All in all it was a great time and a whole bunch of super PR. Thanks to all for participating. Randy, KZ7T

WHATZIT????



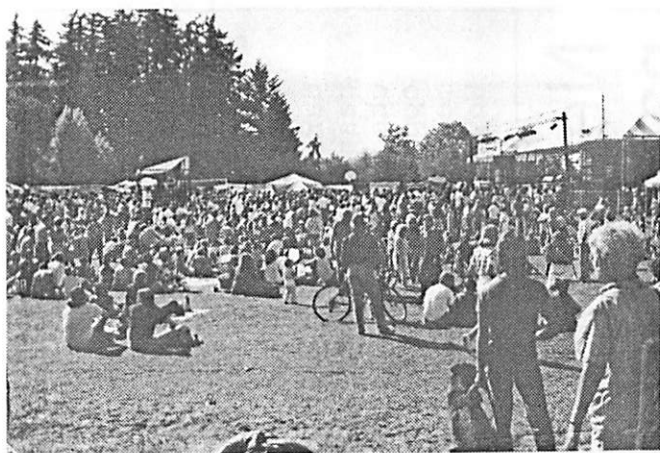
Answer on back page.

Software packages

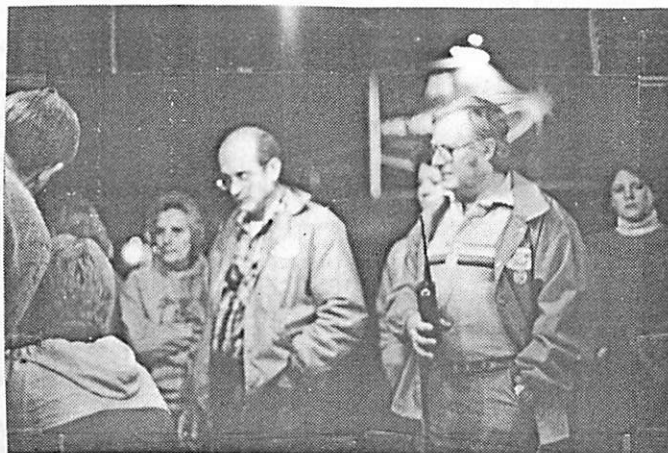
New software packages are now available for the VIC-20 computer from RAK Electronics. The Ham Radio Disk - RK699 includes 12 Amateur Radio application programs for the VIC-20: Ham Antennas, Morse Code, Morse Trainer, Formulas, Formulas II, WAS Record, WAZ Record, DXCC Record, 5BWAZ Record, 5BWAZ Record and 5BDXCC Record. These programs (disk only) are \$14.95 each, plus \$2 shipping and handling per order.

Available for the Commodore 64 computer is Ham Radio Disk-RK853, which includes 12 Amateur Radio application programs: Ham Antennas, Morse Trainer, Morse Code, World Clock, Formulas, Formulas II, WAS Record, WAZ Record, DXCC Record, 5BWAZ Record, 5 BWAZ Record and 5BDXCC Record.

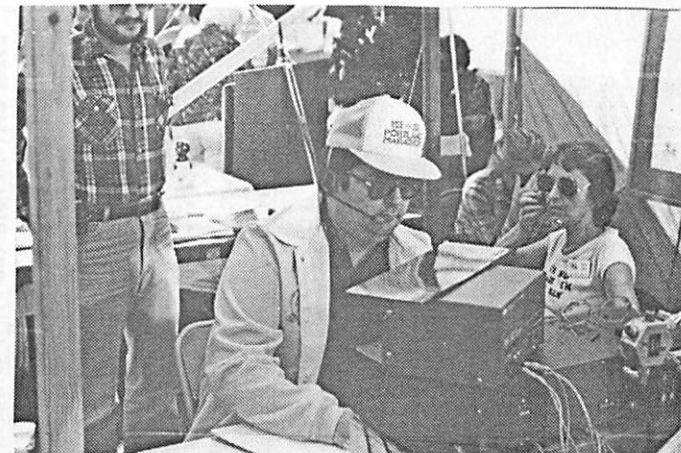
These programs are available on disk only and are \$14.95 each plus \$2 shipping and handling per order from RAK Electronics, P.O. Box 1585, Orange Park, FL 32067-1585. Please send SASE for a catalog. Worldradio



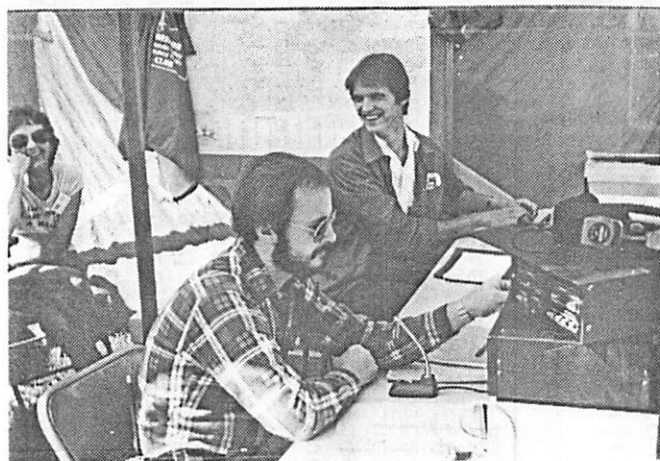
Beaverton Good Neighbor Days CROWD!!



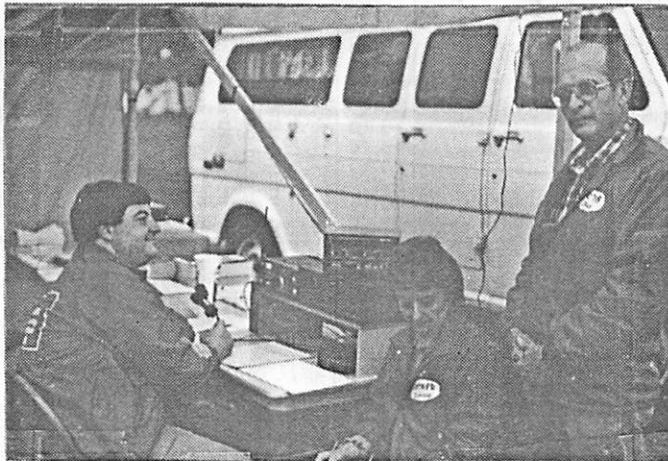
Nighttime Mexico City traffic watch.



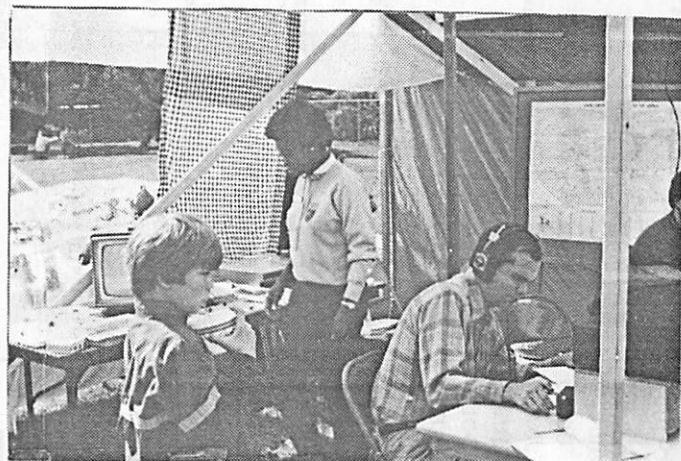
AJ7J at the 'wheel'.



Everybody is having a great time.



K7JF, KA7RFD and KC7PS waiting for customers.

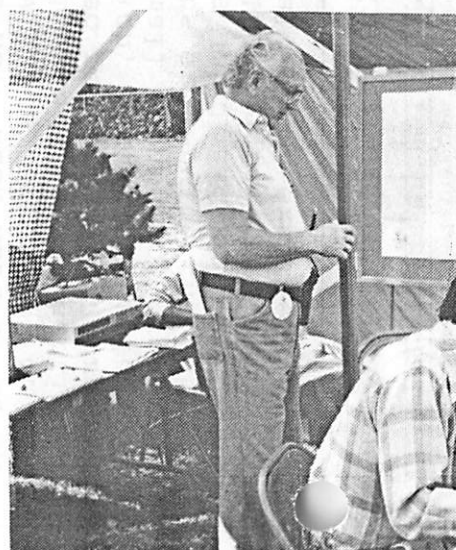


Alan, K07B, with an interested party.

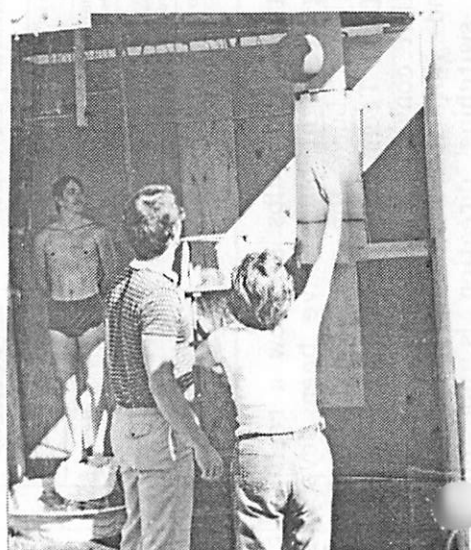


KA7NPN van and club tower. A very good set-up. How about next year we tie balloons to the tower?

(balloons?)



Dave, N7DWL, is either deep in thought or trying to copy CW.



The basketball dunk tank was a popular booth. Nine tries and not a one went in.

(WB7SIC)



NOVEMBER IS NOMINATION MONTH

After a title like that there should have to be little to explain. November is the time we ALL show up at our meeting and sit back and watch others nominate for the coming years officer positions. Hi! Really, the club has done a pretty good job of coming through with candidates and if our nominating committee (W7LJN and others) do their part, we will continue to have some eager beavers at the helm. The ship hasn't crashed yet but just to make sure it doesn't get too close to shore, check out a pal, or yourself, and throw another name in the ring. For an opportunity to spend one year of self inflicted torture toward the betterment of the club, call Dave, W7LJN at 639-7020 or, better yet, at work. Work # is 626-2228. If at first---keep calling & keep calling & etc...

New cadet leader named at air patrol

Cadet Staff Sgt. Jeffrey Andersen has been installed as cadet commander of the Washington County Composite Squadron No. 1, Civil Air Patrol.

In a ceremony Oct. 7, Andersen accepted the commandership from Cadet Flight Officer Kari C. Jones.

Other promotions in the squadron that were announced Oct. 7 were

Janet Bell and Donna Black to first lieutenant, Roy Nunley to second lieutenant; cadet Ross Sauter to cadet technical sergeant.

Captain Terri Hillgaertner became commander of Squadron No. 1 in September, when Captain Peter Andersen was promoted to major and placed in command of Group 1, comprising the northern third of Oregon.

CONGRATULATIONS

Hats off to Janet, WB7FJC and to Roy, N7DUJ. Both of these club members have been hard at it on the Civil Air Patrol for quite some time and are now getting a deserved reward. The Patrol is one which, like amateur radio, gets small reward for organized attempts at serving the public. Perhaps Janet and Roy could put on a club program relating some personal Patrol experiences...?

BE A BOOSTER! SUPPORT YOUR HOBBY THROUGH THE CLUB AND THE LEAGUE.. PARTICIPATE!

NORTHWEST AMATEUR RADIO COUNCIL

Volunteer Examiners Committee

Portland, Oregon

is sponsoring Amateur Radio License Exams for Technician, General, Advanced and Extra at Portland Community College (Sylvania Campus) in the Science Technology (Bldg ST), at 12000 SW 49th, Portland, Oregon.

Exams will be held the FIRST SATURDAY of EVERY MONTH!

TO REGISTER:

1. Complete FCC Form 610 (be sure to indicate the highest Class of License you will be attempting!)
2. Attach a copy of your Amateur Radio License (if applicable).
3. Make a check or Money Order for four (4) dollars payable to ARRL/VEC.
4. Mail all three of these to:

Randy Cobb/VE Exams

P.O. Box 5097

Aloha, Oregon 97006

5. DEADLINE - Registrations must be received 30 days prior to taking the Exam.

FOR ADDITIONAL INFORMATION:

VE Committee Members:

Armand, WA7IIM 760-2140

Ralph, WB7VGS 649-5845

Dea, KX7T 632-4734

Lea, AL7W 777-1032

Joan, KD7YB 838-5159

Tom, KV7Y 254-8006

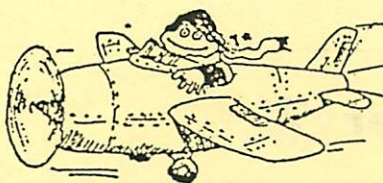
Rozy, KA7CED FCC Contact Liaison 255-0739

Cracking the Real-Estate Code

HOUSES — U.S.A.	HOUSES — U.S.A.	HOUSES — U.S.A.
COLONIAL: built prior to the second Eisenhower Administration	IMMACULATE: kitchen walls not as greasy as the pit floor at Ralph's Garage	NEEDS SOME FIXING UP: leg of bathtub protruding through kitchen ceiling needs polishing
GRACIOUS COLONIAL: you can't afford it	PATIO: spot near back door where cement truck overturned	BROOK ON PROPERTY: goes through the cellar
VICTORIAN: drafty	PIAZZA: porch	DESIRABLE CORNER: corner
LEISURE HOME: habitable during July and August	GLEAMING BATHROOM: bathroom	ENTRANCE FOYER: door
RANCH: egg box wearing a cowboy hat	VANITY BATHROOM: bathroom with a table nailed to the wall	MANY EXTRAS: recent owners left behind rags, coat hangers, half a bottle of cough syrup
RAISED RANCH: ranch set on a slope	CARRIAGE HOUSE: garage leaning against '48 Dodge	NICE NEIGHBORHOOD: and let's keep it that way!
CHALET: ranch set on a steep slope	CONVENIENT TO SHOPPING: bay window overlooks an A&P parking lot	ONLY 15 MINUTES FROM... only 40 minutes from...
OLDER HOME: lists disconcertingly to the southwest	\$300 TO HEAT: \$780 to heat	SEEING IS BELIEVING: seeing is believing
COMFORTABLE: small	FAMILY ROOM: basement with 100-watt light bulb	MAKE AN OFFER: say something amusing
COZY: teeny-weeny		
CUTE: itsy-bitsy		

●Lifetime light bulbs are now a reality! Super long-life light bulbs have been developed that can burn the equivalent of 50 years! DioLight Technology bulbs have a built-in diode that converts current to DC. Less heating and vibration is incurred with DC since the switching direction is not constantly changing. The major drawback of lower light output has been partially overcome by using gas-filled bulbs that make the filament glow more brightly. The bulbs sell for \$3 to \$5 - about five times that of conventional bulbs, but give 80 times the life.

ARRG



COME HELP US
CELEBRATE

ARRG

10th ANNIVERSARY--SOUTH SADDLE REPEATER
—ARRG OPEN HOUSE—

WHERE: BEAVERTON LIBRARY---SW HALL & ALLEN BLVD.

WHEN: FRIDAY, NOVEMBER 29---7:00pm to 9:00pm

COMPLIMENTARY

COFFEE---PUNCH---MUNCHIES



A NARRATED SLIDE PRESENTATION WILL BE GIVEN WHICH DEPICTS THE EVOLUTION OF THE SOUTH SADDLE REPEATER. IT WILL ALSO INCLUDE MORE RECENT REPEATER SITE EFFORTS AND WILL CLOSE WITH A BRIEF EXPLANATION OF ARRG'S LONG RANGE PLANS-WHICH INCLUDE LINKING.

THIS IS AN EXCELLENT OPPORTUNITY TO MEET A FEW 'FACES BEHIND THE VOICE' AS WELL AS OLD FRIENDS. ALSO, IT GIVES ATTENDING HAMS, ARRG MEMBERS OR NOT, A CHANCE TO HAVE REPEATER RELATED QUESTIONS ANSWERED. ALL ARE WELCOME.



OTVARC CHRISTMAS PARTY

Saturday, December 7

St. Bartholomew Episcopal Church

Center & SW 113th Beaverton

7:00pm

ENTERTAINMENT

FOOD---POTLUCK

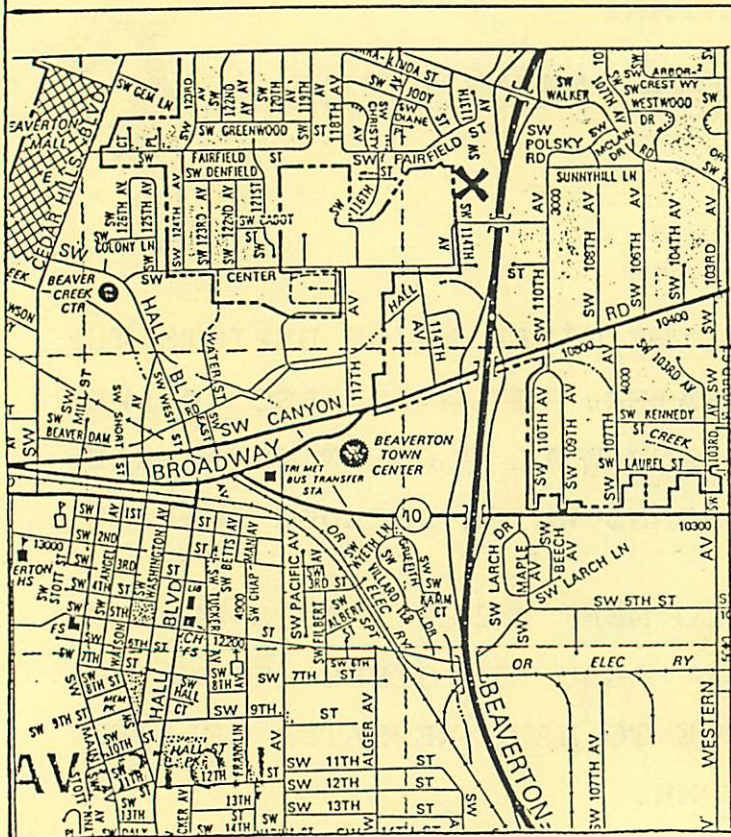
As this is a potluck affair we would like you to bring along your favorite buffet item. Examples would be small sandwiches, cold cuts, cheese and crackers, chips and dips, salads, deviled eggs, desserts or any other type of finger food items. THE CLUB WILL SUPPLY: Hot coffee, punch, ice,

mixers, cups and all eating utensils. PLEASE label your dish or platter so it won't get lost. THIS IS A BYOB AFFAIR.

This has traditionally been an adult affair but all members and family are welcome. If you have a visiting mom, uncle or etc., feel free to bring them along. If you are single, bring a date. No problem. There will be drinking so keep that in mind when a child is involved. We have never had a problem with unruliness nor with a person underage taking advantage and would like to keep it that way.

Hope we have covered all the details for you. If you have any questions please call me, Paul Lucas, at 641-8703. Help support your club by coming to the party. We guarantee you will have a good time. PS: Dress is casual to semi-dressy. Fancy up if you like but don't feel that you must.

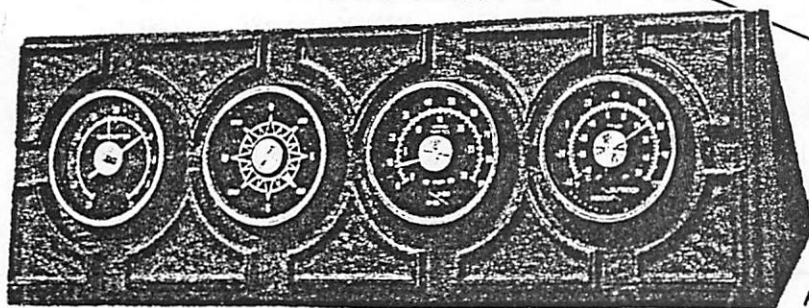
HAPPY HOLIDAYS





XMAS PARTY

MAJOR PRIZE



Heathkit®

Five-function weather station

\$169.95 Five-function weather station provides accurate data

- Monitors barometric pressure, indoor/outdoor temperatures, wind speed and direction
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For the price you can't beat the features or the accuracy of the ID-1290 Weather Station. Designed for quality and reliability, it contains professional-grade sensors; all solid-state circuitry which operates from 120 VAC with minimum power consumption for maximum component life; and a non-corroding remote transmitter assembly that ensures years of trouble-free service.

Instant and accurate weather information: True indoor/outdoor temperatures are displayed in Fahrenheit and Celsius with a switch to select indoor or outdoor readings. A sensitive barometer helps you keep on top of the most significant changing atmospheric pressure conditions. Wind speeds can be read in two ranges: from 0 to 30 mph or from 0 to 90 mph. Eight wind direction indicators provide a 16-point compass resolution. The anemometer/weathervane mounts on any standard 1" to 1½" mast. The ID-1290 is a four-evening kit which may be wall-mounted or used as a desk set with the included stand.

Kit ID-1290, Shpg. wt. 8 lbs. 169.95

ID-1290 SPECIFICATIONS: Wind Speed: 0-30 mph, = 2 mph; 0-90 mph, = 5 mph. Direction: 8-point readout over 360°. Temperature: 0° to +120°F (typ. INDOOR); -40° to +120°F (typ. OUTDOOR). Barometric Pressure: 28-31 inches of mercury within 0.5 inches, accurate up to altitudes of 10,000 ft. Operating Temperature: Receiver, 32° to 100°F; Transmitter, -40° to +120°F. Wind Direction: 16-point resolution by lighting two adjacent lights. Dimensions: Wall mounted, 20½" L x 7" W x 2" D. Desk mounted, 6¾" D. Weight: 7 lbs.

THE

LUCKY WINNER

MAY BE YOU !

SEE YOU THERE.

ENTERTAINMENT

HILARIOUS OREGON STATE CONVENTION BANQUET SKIT

"THE STORY OF A HAM"

STARRING: STANLEY HAM

PLUS

A SURPRISE MUSICAL PRESENTATION

P.S. ON THE PARTY: Each year we receive a number of phone calls on what to wear to the party. The dress is casual but if you wear jeans, make sure they are your best. Ok? No ties or suits required. Be comfortable and enjoy yourself. By the way. All decorations are to be saved for next years party. Rule of thumb is that if it ain't raffled it ain't up for grabs. Any questions on the party just call Paul, WB7SHR at 641-8703...

OTVARC JACKET INFORMATION

SIZES

Small	34-36	
Medium	38-40	
Large	42-44	
X-Large	46-48	
XX-Large	50-52	Add .75
XXX-Large	54-56	Add \$1.50
XXXX-Large	58-60	Add \$4.00

PRICES

Warm-Up (windbreaker)	\$23.00
Kasha (light liner)	\$27.00
Pile (heavy liner)	\$34.15
*NOTE: Pile lined is not available in XXX or XXXX size. (Not enough sheep to go around. Try Weight Watchers & save)	

COST BREAKDOWN: Patch---\$7.50 Silk Screen---\$3.50 Jacket---Remainder

A price increase occurred due to minimal orders. If orders increase and stay at a higher level, jacket costs will be reduced. Kathryn, KA7UMB...

JORDAN HONORS JY1'S 50TH BIRTHDAY!

The following is from NBC Network News Bureau Chief, Alan S. Kaul, W6RCL... also JY9RL.

The Royal Jordanian Radio Amateur Society has announced plans for "JY50" - a two week celebration of the 50th birthday of His Majesty, King Hussein, JY1. All amateur radio stations in Jordan will sign the special prefix: JY50, followed by their regular two or three letter suffix in all QSO's between November 7 and 21.

His Royal Highness, Prince Raad Bin Zeid, Chairman of the Society, said amateurs working a number of JY50 stations will qualify for a special award certificate. European stations much work ten JY50 calls... all others must contact five.

"We decided on a two-week period," said Prince Raad, JY2RZ, "...because propagation has been so bad. With a little luck, JY50 stations should be able to work into most all areas in the world during the two week window."

King Hussein, using the callsign JY50 is expected to join the 50 active Jordanian amateurs during the event. A "maximum effort" will be put forth. Stations will be on the air on 160, 80, 40, 20, 15 and 10 meters using CW, SSB and RTTY. Several JY50's are expected to use the OSCAR satellite as well.

Amateurs seeking the special "Worked JY50 Certificate" should send copies of their log (no QSL's required) and either 10 IRC's or \$5 (U.S.) to the Royal Jordanian Radio Amateur Society; JY50 Celebration; P.O. Box #2353; Amman, Jordan.

IMPORTANT--BY LAW CHANGE UP FOR VOTE

A simple improvement is needed to ensure that future club administrations stay on top of things. A motion to add a clause saying something like, "It is required of the officers to hold a 'Board' meeting no less than once each quarter", will be proposed to the membership. All too often a small matter goes unattended for several months and this change should help to eliminate that problem.

RAT-A-TAT-TAT

NEW REPEATER: A new 10m FM repeater can be found on 29.640 rx and 29.540 tx. The rx unit is in the West Hills and the tx gear on Mt. Scott. FREE!

A LONG DRIVE: Bill Gelvin, WD6ASI, came all the way from Depoe Bay to take in the October meeting. VERY nice to see you Bill. Do it again.....

NOVEMBER RAFFLE: The top prize at the next meeting will be an ASTRON 20a power supply. Not too shabby! It sure will look nice here on the desk..

PIZZA PARTY: Over 70 of the weak willed stuffed themselves with 23 LARGE pizzas at our October 16 \$2.00 feed. That's REALLY pigging out. Burp... Too bad a playoff baseball game was on that night or we would have seen a lot more members. A good time, as usual, when we gather. Got a Rolaid?

GOT SOMETHING To Sell?

THESE CLASSIFIED ADS ARE FREE TO OTVARC MEMBERS

Let us
show you
and



CLASSIFIED ADS

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- FOR SALE:** 1974 23ft. travel trailer, many options, one owner.
For details call Ben KA7PWN at 654-3457
- FOR SALE:** Kenwood TS 120 HF rig with Shure base mic. \$300
Call Ron N7FQU
- FOR SALE:** VIC 20 computer & cassette recorder, like new \$ 60
Quick Quad Kit boomless spider & wire for 2 element
3 band (20-15-10) antenna. NEW \$35 or best offer.
Call Don W7HPI at 357-2782

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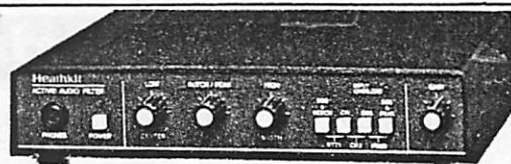
SEMICONDUCTORS
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TEST INSTRUMENTATION
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HD-1418 multi-mode SSB/CW/TTY Active Audio Filter makes the tough ones easy to copy

Twelve total poles of filtering can be combined to work as SSB & Notch, CW, CW2, SSB & Peak, RTTY and fixed configurations with razor-sharp skirts. Solve such problems as partially overlapped sideband signals, overmodulation splatter, close-packed CW stations, full RTTY reception through heavy interference, heterodyne whistle and noise that other filters find impossible to conquer. Versatile power requirements make this Filter usable almost anywhere. Just supply 7-13.5 volts AC or 9-18 volts DC.

Kit HD-1418, Shpg. wt. 3 lbs. 129.95
PS-5012 Power Cube, For 120 VAC operation, Shpg. wt. 1 lb. 15.95

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CALL JIM KA7TAC AT 246-2539 or 246-5457

FOR SALE: TRI-EX W51 crank up tower. Self supporting
& with thrust bearing & coax standoffs. \$650
Wilson TT45 crank up tower with house bracket.
A low \$225.00.
Dentron DTR-1200L amp. Uses 572B's. \$350.00
For above items call Larry, KC7QV, at 246-5457.

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KA7JLD

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Al Berg WB7SIC

640-5456

***** SPECIAL VE TESTING SESSION *****

PARC is holding a special session so that some of the sailors from the icebreaker, Glacier, might be licensed before an upcoming trip to the arctic. The exam will be held at the Mt. Tabor school on SE 58 and Ash in Portland. Date is November 20, a Wednesday, and the time is 6:30 pm. Room #109 will be used but be alert for a possible change. PLEASE: If you desire to take advantage of this testing session, get the required 610, license copy and \$4.00 check to Lea Ball ASAP!! Call Lea, AL7W, at 775-0188 or 777-1032. Lead time is needed to assure adequate space and paperwork. Thanks in advance for being PROMPT and GOOD LUCK.....

CLUB JACKETS ARE READY!!!

I will have jackets at the November meeting for: DAVE PALMROSE, N7FCA, JOAN VANDERZANDEN, KA7VXC and JEFF DURR, KA7AKU. This is as of Oct. 31. It is possible that I may have others by club meeting time. If you have ordered and your name is not listed here, call me to see if yours will be at the meeting. My number is on the 'Who to Call For What' list. Kathryn KA7UMB.

-----TRIVIA-----

Dave Parker, W7LJN, recently discovered he was about two days away from having his ARRL membership expire so he sent his check via Federal Express. The League informed him that to the best of their knowledge, it was the first time anyone had ever done it. Anybody ever UPS a check??

NOT SO TRIVIAL: You all have a nifty, neat, far-out THANKSGIVING DAY...

OTVARC FALL HAPPY HOUR CONTEST

THURSDAY, NOVEMBER 14, 1985

* TWO METER HAPPY HOUR CONTEST RULES *

- * **DATE, TIME & FREQUENCY:** THURSDAY, NOVEMBER 14, 1985, 7:00 to 9:00 PM (local)
144.500 to 145.500 MHz (simplex only, no repeaters)
- * **OBJECTIVE:** To work as many stations as possible during the contest period and in so doing promote the spirit of friendly competition and sportsmanship. To improve our proficiency in making phone contacts and give all participants a chance to meet fellow club members. New and inexperienced operators are especially invited to participate.
- * **EXCHANGE:** Call, Name and City (example: KE7BB, Van, Portland)
- * **SCORING:** A bit more exciting this year; multipliers galore! Contacts made from 7:00 to 8:00 count as 2 points each. Contacts made thereafter count as one point each. Each different call sign prefix counts as a multiplier (example: K7, KA7, NA7, ND7, AE7, W7, WA7 etc etc etc)

Example: during the first hour you work 15 stations and compile 10 call sign prefixes. Your first hour score would be 300 points. (15 contacts multiplied by 2 points per contact multiplied by 10 call sign prefixes.) The next hour you work 17 stations and accumulate 6 more prefixes. Your second hour score would be 102 points. (17 contacts multiplied by 1 point per contact multiplied by 6 call sign prefixes.) Your final score then will be 402 points, which is the sum of the two hourly scores.
- * **LOGS:** Use your choice of log, or the form used on the opposite side. Logs are due no later than Wednesday, December 11, 1985. Send logs to:

Jeff Freedman, K7JF, 7020 SW Laber Rd., Portland, OR 97225

Logs may be received at the December club meeting. To count, YOUR LOG MUST SHOW YOUR CALL, NAME, CONTACT TIMES AND CLAIMED SCORE. The Contest Committee will double check your score, however, will not calculate your claim if not provided.

- * **PRIZES:** Winner will receive a special engraved plaque, to be presented at the January Club meeting. All participants will be recognized in the Club Newsletter.
- * **COMMENTS:** Your comments are always welcome. Please direct them to the Contest Committee.

GOOD LUCK!



OTVARC FALL HAPPY HOUR CONTEST

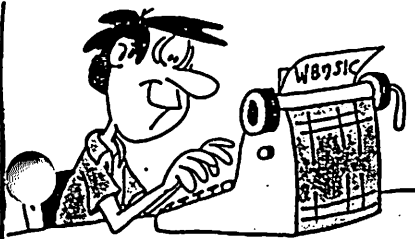


THURSDAY, NOVEMBER 14, 1985

STATION:
OPERATOR(S):

QSO#	STATION	NAME	EXCHANGE	QSO#	STATION	NAME	EXCHANGE
1				26			
2				27			
3				28			
4				29			
5				30			
6				31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

TOTAL SCORE:



Club Challenge for the '80s

High-Frequency Transceivers to be Given to Three Affiliated Clubs

Affiliated Clubs have been assigned to one of three categories based on membership size: small, medium and large. The club in each category that recruits the greatest number of new ARRL members between February 1 and December 31, 1985 will be awarded an HF transceiver and associated equipment. Our thanks to the manufacturers who have donated the following

Large Clubs, over 75 members

Club Name	Total	Section
PHD ARA INC.	17	MO
WEST COAST AMATEUR RADIO CLUB	16	ORG
SOUTHERN CALIFORNIA AMATEUR RADIO		
COMPUTER CLUB	12	ORG
OREGON TUALATIN VALLEY ARC	8	OR
RADIO AMATEURS OF GREATER SYRACUSE	8	WNY
NASHUA AREA RADIO CLUB	7	NH
TRIPLE STATES RADIO AMATEUR CLUB	7	OH
ANNE ARUNDEL RADIO CLUB	6	MDC
BIRMINGHAM ARC	6	AL
DELAWARE VALLEY RADIO ASSN. INC.	6	SNJ
FALMOUTH ARA INC.	6	EMA
BLUE RIDGE ARS INC.	5	SC
DELAWARE-LEHIGH ARC INC.	5	EPA
LIVERPOOL AMATEUR REPEATER CLUB	5	WNY
TRICITY ARC	5	WA
ALBANY ARC INC.	4	GA
ARC OF EL CAJON	4	SDG
FORSYTH AMATEUR RADIO CLUB	4	NC
HOODVIEW ARC	4	OR
LONG ISLAND MOBILE ARC	4	NLI
MONTGOMERY ARC INC.	4	AL
NORTHWEST ARKANSAS ARC	4	AR
OLD PUEBLO RADIO CLUB	4	AZ
RALEIGH AMATEUR RADIO SOC. INC.	4	NC
ROCKY MOUNTAIN RADIO LEAGUE	4	CO
SILVER SPRINGS RC INC.	4	NFL
WARMINSTER ARC	4	EPA
JERSEY SHORE ARS	3	SNJ
LAKE MONROE ARS	3	NFL
LEE DE FOREST RC OF HEMET	3	ORG
PALOMAR RADIO CLUB	3	SDG
RIVERSIDE COUNTY ARA	3	ORG
SANTA CRUZ COUNTY ARC, INC.	3	SCV
TRICITY ARC INC.	3	CT
TRI-STATE ARS	3	IN
TRI-TOWN RADIO AMATEUR CLUB	3	IL
VAN WERT ARC	3	OH
VIRGINIA ARA	3	VA
VIRGINIA BEACH ARC	3	VA
WOODBIDGE WIRELESS, INC.	3	VA
AL MALAIKAH AR SHRINE CLUB	2	LAX
ALBANY ARA	2	ENY
BREVARD REPEATER ASSN.	2	SFL
CAMDEN CITY AUTOPATCH REPEATER ASSN.	2	SNJ
CEDAR VALLEY ARC INC.	2	IA
CHICAGO SUBURBAN RADIO ASSOC.	2	IL
COLUMBUS ARA	2	OH
DOWNEY AMATEUR RADIO CLUB INC	2	LAX
HAMPDEN COUNTY RADIO ASSN. INC.	2	WMA
INDEPENDENCE FM ARC	2	MO
KINGS RADIO CLUB INC.	2	SVJ
MOUNT TOM AMATEUR REPEATER ASSOC.	2	WMA
NORTHROP RADIO CLUB	2	LAX
RADIO AMATEUR CLUB OF KNOXVILLE	2	TN
RED ROSE REPEATER ASSOCIATION	2	EPA

as prizes: ICOM IC-735, Heath HW-5400 or Kenwood TS-430S.

Over 350 clubs have taken advantage of this program, earning \$5 for each new ARRL member they recruit. Only new regular memberships count towards the Club Challenge for the '80s. Here's a list of the participants with their new ARRL-member totals, as of August 23, 1985.

ROCHESTER ARA	2	WNY
SALEM ARC, INC.	2	OR
SAN FERNANDO VALLEY ARC	2	LAX
SANTA CLARA COUNTY ARA	2	SCV
SIOUXLAND AR REPEATER ASSN.	2	IA
STEEL CITY ARC OF PITTSBURGH	2	WPA

Club Challenge—Gearing Up

FLASH: The summer slump is over!

Many of your clubs were just getting up to speed in the "Club Challenge for the '80s" when the lazy, hazy, crazy days of summer rolled around. And, understandably, thoughts of membership recruitment placed a distant second to the "soda and pretzels and beer." But now, with summer tans fading into memory, it's time to throw your recruiting program into overdrive.

We have only ~~three~~ ^{two} months to go in the 1985 run for the rigs. As of August 21st, 360 ARRL affiliated clubs had recruited 744 new ARRL members. A great start, granted, but far short of what we can do. With a little effort, the nearly 1800 League-affiliated clubs could easily bring the year-end total to 4000 or more. If 1500 clubs recruit an average of only 3 new members each this fall, we'd top the 5000 mark! Will your club be among those earning the \$5.00 commissions, receiving milestone awards and competing for the grand prizes?

Impossible? Baloney! Your town or city boasts an embarrassment of potential new hams. Schools, churches, civic organizations and public gatherings are great sources—and new hams, recruited and trained by your club, are very likely to become new ARRL members through it. Don't forget: Be prepared to follow through. Promoting Amateur Radio accomplishes little unless an interesting, convenient license class follows shortly thereafter.

A little planning and coordination among your club's members will pay big dividends. Yes, the top winners in each category will receive an hf transceiver. But every affiliated club can qualify for Booster certificates, banners, flags, gavels and more. This is one of those few times in life where everyone really can be a winner. For new recruits bring enthusiasm and new ideas to any club willing to listen. Hop on the bandwagon—it's in your interest.

ARRL Field Forum

I bet if I asked ANY member of the club if they enjoyed losing, the answer would be NO! What's the difference between winning and losing? EFFORT! The contest we are in requires an individual effort. Yes, we are a club, but there is no way we can organize to win other than to tell each and every member what it will take to put OTVARC at the top instead of PHD ARA INC!!! If you WANT to win you would first have to believe in the advantages of a strong national spokesman. (ARRL) Secondly, it will require that YOU make the effort to enlist 1 new member, via the club, and if 25 members do so, we could very well win. WHY WIN? First it benefits the ARRL, meaning us, and second, we win NATIONAL RECOGNITION. Thirdly, an HF rig would add greatly to our assets, whether as equipment or as \$\$\$ to the treasury. The rules, once again, are that new recruits MUST be new ARRL members or those that have been lapsed prior to 1980. The cost? \$25.00 is the norm. With the ARRL rebate of \$5.00, which is absorbed by the club, it is \$20.00. A SPECIAL SUBSIDY of \$5.00 is offered from several members. Total cost is now \$15.00!!! Can YOU sell ONE membership at \$10.00 off?? LET'S BE WINNERS...



Maritime Mobile

White marine wire

If you have been looking for a source of white RG-8X coaxial cable as well as white #14 shielded, two-conductor power cable, try COMmar Inc., 70 W. Main St., Northboro, MA 01532; (617) 393-2411.

We recently ran tests on their miniature

RG-8X coaxial cable, and it's ideal for long runs up the mast for a VHF antenna, and also ideal for most-ham radio lead-in hookups where the RG-8U cable won't fit. The braid is 98% shield, and the center conductor is healthy enough to handle up to a KW. At 144 MHz, 100-foot losses are in the area of 2.8dB.

Best of all, it's pure white and will complement any marine installation.

The same organization also has quantities of white duplex wire, ideal for power feeds to any equipment drawing less than 10 amps. (This would rule out a high frequency or Amateur Radio SSB station that requires much larger wire.)

The #12 shielded wire would be ideal for a VHF run, Loran run, or any other application where the black and red wire needs to be covered by an outside jacket and also shielded against stray RF. The black goes to the battery negative, the red to positive, and the shield that surrounds both goes to the ship's ground system. We talked about this wire earlier when we

gave instructions on bringing up 12 volts to a marine audio system.

Again, best of all, the wiring has a white cover, which makes it ideal for marine installations. Worldradio

ORE. SECTION MGERS. RPT.

OREGON: SM, William R. Shrader, W7QMU—STM: W7VSE. SEC: N7CPA. PIO: KC7YN. SGL: KA7KSK. STC: N7ENI. ACC: KB7CC. OO: N7SC. RFI: AK7T. Upgrades: KA7VTA, KA7VYA, KA7VXC, KA7VJP (Novice); N7HIR, N7HIS, KA7VFI, KB6EAN, KA7SUL, KA7RGS, KA7VLZ, KA7UZY, KA7VAA, KA7TDU, KA7RNM, KA7VVM, KA7TMS (Tech); WB7PYQ, N7GSC, KA7TAC, KA7RJR, KA7UZX, KA7TAC (General); W7YCK, WA7ROS, N7GLD, N7EDK, N7HHD (Adv); N7ENU, W7KJJ, N7DJE, WB7OXF (Extra). VE's have been busy! Hearty CONGRATULATIONS to all. OTVARC has received an award from the ARRL for outstanding efforts in getting new members. Farmers Mountain Repeater Association is now ARRL affiliated club. Portland ARC has undertaken a big job. They are working with the U.S. Coast Guard Cutter Glacier to train interested personnel for amateur licenses which will be used in the Glacier's next deployment to the Antarctic. The FCC Auxiliary program is growing. We need members/observers badly in several areas, the coast (both north and south), central Willamette Valley, and the northeast. If you are interested contact your SM or OO Coordinator. The FCC has a list of 48 Oregon hams with incorrect addresses on their license. CHECK yours. Traffic: W7VSE 675, K7OVK 295, N7FLC 234, W7ZB 160, K7X 143, N7FJX 102, W7LRB 84, WA7VTD 51, KA7AID 46, N7BGW 45, W7LNE 19, W7FBP 18, W7DAN 7. (July) N7BGW 66, WA7VTD 51.

Midwest approves League's Novice proposal

By a margin of 4 to 1, a sampling of Midwest area hams have voiced their approval of the ARRL's request to the FCC for expanded Novice and Technician class operating privileges. On Wednesday, 17 July, almost a dozen area repeaters were interlinked to provide a local teleconference radio network for the purpose of discussing the League's proposals as outlined in RM-5038, and to gain an area-wide consensus on the item.

The individual who spearheaded the net was Hap Holly, KC9RP, who utilized the services of the Broadcast Employees Amateur Repeater and nine other 2-meter and 220 MHz systems to blanket an area from southeastern Wisconsin to north-eastern Indiana and permit a two-way

dialogue on the issue. Net moderator was Angelo Polvere, KA9CSO, of Inverness, Illinois, a Chicago suburb.

The consensus of the majority of check-ins was generally favorable, although a number of participants voiced their opinion that a revised Novice license such as is proposed in RM-5038 be non-renewable, and only for a single license term of from two to five years. Some individuals were quick to point out that the current Novice license is of little help in adding new vitality to the ranks of radio amateurs, since the CW-only limitation combined with current frequency assignments and the antenna sizes for these bands can make it impossible for many apartment, townhouse and condominium dwellers to utilize their privileges once they have obtained their licenses.

Revising the privileges to permit the

use of voice communications on VHF and UHF would tend to have a more positive effect, since equipment and associated antennas are more compact. Also noted by one participant was the fact that he saw little encouragement given to new amateurs from longer term operators, since — for the most part — amateurs with higher class licenses tend to avoid the Novice subbands, leaving the newcomers to fend for themselves. Just about every conceivable special interest group in that geographic area was represented in the forum, including the area's 220 MHz repeater owners and users. They have a definite vested interest in what happens as a result of FCC action on RM-5038, and they were one of the most vocal groups in support of the ARRL's position. Tnx: K9XI Worldradio

One amateur's efforts educate a city

Barry Yoder, W8SJO

This is a story about Amateur Radio promotion. The tale begins in early April of this year, after the writer saw an editorial in another Amateur publication, *Florida Skip*.

It was sobering to contemplate the continuing decline in the number of Amateur Radio operators. Personally, I am not very capable of doing a great deal physically, being in a wheelchair and on 24-hour oxygen. However, let me say I am not writing this for any "feather in the cap" or "credit", but only to illustrate what can be done if you want to.

I wrote an article for the local (*Bradenton Herald*) newspaper and called the paper to explain my desire to write something to inform the community about Amateur Radio — what it is, how many advancements in communication have happened as a result of radio

amateur efforts, how the licensing procedure has changed and how Amateur Radio is a public service, assisting the community in the event of disaster or emergency. I also offered a little personal radio autobiography.

I was surprised that they not only were very anxious to run the story (almost word for word), but they sent a photographer out for story and photo; the story and picture covered one-third page! They had never done an article on *Amateur Radio*, to their knowledge.

Next, I called the local cable TV station; they have what they call a "Community Calendar". I told them the same thing about promoting Amateur Radio. They were equally as cooperative and agreed to run *FREE*, on a rotating basis, ads of 30-35 words (of which I wrote about 10). We had two new club members as a direct result of this. To date, the ads are still running.

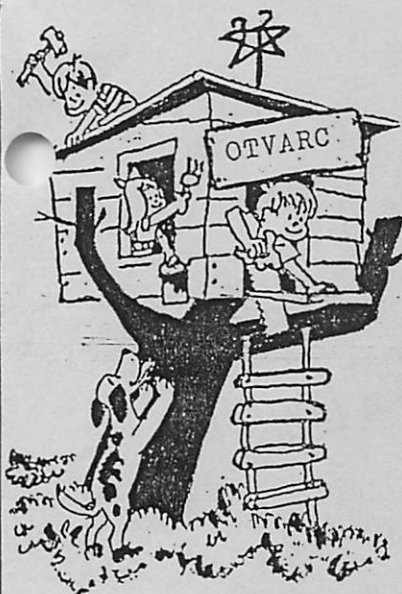
Then I called our TV station — Sarasota WXLTV 40, and they at once

said, "How would you like to come down day after tomorrow to tape a 30-minute Q&A show on Amateur Radio?"

I was shocked, and of course had never been "on the tube" before, but the show was taped and went off well and aired 06 June. The producer of the TV station complimented the Amateur Radio community on the informative nature of the show and even wants to do a follow-up.

Finally, I called the newspaper again and the "Want Ad" department agreed to run — on a space-available basis — ads promoting Amateur Radio, so I got out the pen and did what I could.

All of this I did with the total cost of 88 cents for stamps, about 5 cents for paper and envelopes, and about \$1 for gas going to and from the TV studio. This was all done from the hospital bed in our house (except the show taping, of course), and it was done because I care about our avocation of Amateur Radio. Even though I may not be around many more years, I want Amateur Radio to be here for all to enjoy! Worldradio



MEETING PROGRAM

BELIZE THE ARMPIT OF THE WORLD! (so it has been called) Two years in the making, thousands spent on casting and production!!! You don't want to miss an opportunity to share in this program involving a very dangerous CONTEST/DX trip to Central America. A trip imperiled by Montezumas Revenge, scalpers, tions and ligers as well as NO-SEEUMS!! That's right folks, at long last the slides have been acquired to make this extravaganza possible. Two years ago this month, Al, WB7SIC, and Sue, N7EPE, took part in the CQ Worldwide DX Contest on an island in the Carribean..... Before you form any opinions, be informed that we had plenty of chaperones along! Ever heard of British Honduras? It is now called Belize. Now you know where it is.? Like to get a first hand look at it? Want to see an island paradise? Interested in DX operation, contesting or hearing yourself on tape making a contact &

QSO? If so, get yourself to our November meeting and see what happens to two innocent, unsuspecting hams, who decide to do what many only dream of! Sit back in your chair and take a DX trip from inception to completion. We shall do our best to make it enjoyable. No charge! Just be there....

PS: This program is not ALL radios and antenna installations. It should be of interest to anyone. Bring the spouse with you! (fly united)

Please QSL...

Fourteen-year-old Chuck Spine is currently in the rehabilitation program at St. Jude Hospital and Rehabilitation Center in Fullerton. He is partially paralyzed from the neck down following a body surfing accident, and will be in rehab for the next four to six months.

Chuck is very interested in Amateur Radio. The day after he received his donated "Tune In The World" kit, he had

learned 20 characters of the Morse code. Please note that he must copy the code entirely in his head, as he cannot write it down.

Chuck enjoys talking on the VHF and HF rigs at Rehab Radio station WD6BPT, and particularly likes to get QSL cards. He translates the words on them into CW for practice. Besides the radio, he is proficient at chess and enjoys computers. He is in accelerated classes in school.

If you would like to send a QSL card with some words of encouragement for Chuck's progress into Amateur Radio, please send it to: Chuck Spine, Room 266, St. Jude Hospital, P.O. Box 4138, Fullerton, CA 92634.

Since 1977, Amateur Radio has been part of the rehabilitation program at St. Jude Hospital in Fullerton. For more information on Rehab Radio, contact April Moell, WA6OPS, at (714) 871-3280, extension 3885. Worldradio

WHO TO CALL FOR WHAT

*PUBLIC SERVICE	Randy Stimson	KZ7T	297-1175
	Bud Butterfield	KC7PS	649-1523
*CLUB CONTESTS	Jeff Freedman	K7JF	297-7965
*PROJECT NITE	Terry Biggs	WB7CHK	648-3687
*TECHNICAL	Dee Lynch	KA7NPN	646-4580
*CLUB RAFFLE	Jim Ziegler	KA7TAC	246-2539
*MEETING PROGRAMS	Hanford Van Ness	KE7BB	246-7975
*CLUB SOCIALS	Paul Lucas	WB6SHR	641-8713
*EMERGENCY SERVICE	Willis Raines	N7DZR	292-1656
*TRAINING (classes)	Randy Cobb	KA7HJT	649-5066
*WELCOMING	Doug Bull	N7CDI	649-4540
*PUBLIC RELATIONS	Randy Stimson	KZ7T	297-1175
CLUB JACKETS	Kathryn Andrews	KA7UMB	629-5676
CLUB BADGES	Jeff Freedman	K7JF	297-7965
ROSTER CHANGES	"	"	"
ARRG INFORMATION	Warren Winner	W7JDT	644-0752
CLUB SCRAPBOOK	Doc Miller	KA7BSD	"
ARRL MEMBERSHIP	Randy Stimson	KZ7T	297-1175
ARRL LEGAL COUNSEL	Stan Weinstein	KX7Y	635-6883
CONVENTION (Oregon)	Al Berg	WB7SIC	640-5456
NEWSLETTER	"	"	"
ARRL LIAISON	"	"	"

* (indicates committee)

CLUB ARRL APPOINTEES

ARES District Emergency Co-ordinator	KZ7T	297-1175
ARES Washington County Co-ordinator	WB7BBG	244-7420
ARRL 1988 National Convention Chm.	WB7SIC	640-5456
ARRL Assistant Technical Co-ordinator	K7WWG	649-3295
ARRL Affiliated Club Co-ordinator	KB7CC	297-2732

●A small hand-held terminal may be used to order your restaurant meal in the future. Instead of writing, now waiters and waitresses can take orders by punching in the data on their pocket-sized terminals. The hand-held terminals developed by Validec, Inc., use an RF signal to transmit messages to the kitchen and an IBM-PC microcomputer. The bill is automatically tabulated and printed by the PC. The system is two-way. Cooks push buttons to notify the server that the meal is ready. A complete food service report is printed by the microcomputer at day's end!

DON'T MISS THE 'HAPPY HOUR' CONTEST. IT IS A REAL KICK IN THE BRITCHES!!!!

WHATZIT ANSWER

R-OHM-ANTS (Romance)



"DINE-OUT" at the Elks. It's grrrrrrreeaaatt.. Bring the spouse!!!! 73/88 from WB7SIC

OTVARC
P. O. BOX 5132
BEAVERTON, OR 97006



FIRST CLASS MAIL

gift certificates

STAN, W7NI
PAT, KA7UFG

USED SPECIALS

NEW EQUIPMENT

service work by appointment

1% club rebate

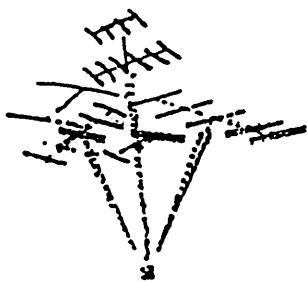
Consignments

Store Hours:
Monday: 6 P.M. - 10 P.M.
Friday: 6 P.M. - 10 P.M.
Saturday: 10 A.M. - 6 P.M.

We can open most
anytime. Call first.

SURPLUS & JUNK

We can open most anytime. Call first.



ANIRONICS
OF OREGON, INC.

18955 SW Blanton
Aloha, OR 97007
(503) 642-7373